

CLAIMS

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B1 17 A vehicle roof comprising:

an aperture;

5 a roof closure member movable between open and closed positions, and said closure member enclosing said aperture when in said closed position, and exposing said aperture when in said open position; and

10 a wind deflector, said wind deflector being movable between an extended position at which it extends above said closure member and said aperture when said closure member is in said open position, said wind deflector being movable to a stowed position, and said wind deflector being biased to at least one of said extended and said stowed position, and movable based upon movement of said closure member to the other of said extended and closed position.

15 2. A vehicle roof as recited in Claim 1, wherein said wind deflector is pivotable about an axis in a mount between said extended and stowed positions.

3. A vehicle roof as recited in Claim 2, wherein said wind deflector has an aerodynamic front surface.

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B1 24 A vehicle roof as recited in Claim 2, wherein said wind deflector is biased to said extended position by a spring mounted on said pivot axis.

20 3. A vehicle roof as recited in Claim 2, wherein said spring has a first finger contacting a portion of said wind deflector and a second finger contacting a portion of said mount.

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B1 25 6. A vehicle roof as recited in Claim 2, wherein said wind deflector is biased to said extended position and moved to said stowed position by said closure member as said closure member moves to said closed position.

7. A vehicle roof as recited in Claim 6, wherein a stop on said wind deflector contacts a surface on said mount to prevent further rotation of said wind deflector relative to said mount when said wind deflector is in said extended position.

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B2 8. A vehicle roof closure assembly comprising:

a closure member movable between open and closed positions, said closure member opening an aperture in said open position and closing the aperture in said closed position; and

5 a wind deflector mounted to be pivotable between an extended position and a stowed position, said wind deflector being biased to said extended position and being in said extended position when said closure is in said open position, said wind deflector extending upwardly above a vertical position of said closure when in said extended position, and said wind deflector being pivotable to a  
10 stowed position at which it is below said closure member, said wind deflector being biased toward said extended position by a spring mounted on a pivot axis, said wind deflector being pivotable in a mount, and said spring being mounted on said pivot axis.

6 9. A closure assembly as recited in Claim 8, wherein said spring has a first finger  
15 contacting a portion of said wind deflector and a second finger contacting a portion of said mount.

7 10. A closure assembly as recited in Claim 8, wherein said wind deflector has a  
20 stop surface which contacts a surface of said mount when said wind deflector has been biased to said extended position to prevent further rotational movement of said wind deflector.

5 US 65 11. A closure assembly as recited in Claim 10, wherein said mount has mount structures for pivotally mounting said wind deflector, and said stop on said wind deflector contacting a surface laterally between said mount structures to provide said stop.

add  
all